Recombinant Full Length Human DDX39A Protein, GST-tagged

Cat. No. DDX39A-3775HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DDX39 full-length ORF (NP_005795.2, 1 a.a. - 427 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	427 amino acids
Description	This gene encodes a member of the DEAD box protein family. These proteins are characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD) and are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure, such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of the DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene is thought to play a role in the prognosis of patients with gastrointestinal stromal tumors. A pseudogene of this gene is present on chromosome 13. Alternate splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known. [provided by RefSeq, Sep 2013]
Molecular Mass	75.5 kDa
AA Sequence	MAEQDVENDLLDYDEEEEPQAPQESTPAPPKKDIKGSYVSIHSSGFRDFLLKPELLR

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	AIVDCGFEHPSEVQHECIPQAILGMDVLCQAKSGMGKTAVFVLATLQQIEPVNGQVT VLVMCHTRELAFQISKEYERFSKYMPSVKVSVFFGGLSIKKDEEVLKKNCPHVVVGT PGRILALVRNRSFSLKNVKHFVLDECDKMLEQLDMRRDVQEIFRLTPHEKQCMMFS ATLSKDIRPVCRKFMQDPMEVFVDDETKLTLHGLQQYYVKLKDSEKNRKLFDLLDVL EFNQVIIFVKSVQRCMALAQLLVEQNFPAIAIHRGMAQEERLSRYQQFKDFQRRILVA TNLFGRGMDIERVNIVFNYDMPEDSDTYLHRVARAGRFGTKGLAITFVSDENDAKIL NDVQDRFEVNVAELPEEIDISTYIEQSR
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	DDX39A DExD-box helicase 39A [Homo sapiens (human)]
Official Symbol	DDX39A
Synonyms	DDX39; DDX39A; DExD-box helicase 39A; BAT1; DDXL; BAT1L; URH49; ATP-dependent RNA helicase DDX39A; DEAD (Asp-Glu-Ala-Asp) box polypeptide 39; DEAD (Asp-Glu-Ala-Asp) box polypeptide 39A; DEAD box protein 39; DEAD-box helicase 39A; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 39; UAP56-related helicase, 49 kDa; nuclear RNA helicase URH49; nuclear RNA helicase, DECD variant of DEAD box family; EC 3.6.4.13

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Gene ID	10212
mRNA Refseq	NM_005804
Protein Refseq	NP_005795
MIM	619906
UniProt ID	O00148

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